

SPLIT-PACKAGE AC ADAPTERABSTRACT OF THE DISCLOSURE

The power adapter includes an AC input receptacle which plugs into an AC power socket. The AC input receptacle is connected to an input of a voltage converting circuit which converts the input AC voltage into a DC voltage. The voltage converting circuit is contained within a first housing, and the AC input receptacle projects from the first housing such that it can be easily connected to a wall socket. A first cable is connected to the output of the voltage converting circuit and runs from the first housing to an input of a voltage regulating circuit which is contained within a second housing remote from the first housing. The voltage regulating circuit maintains and outputs the DC voltage within a desired range. The output from the voltage regulating circuit is connected to respective prongs of an electrical device connector via a second cable.